



ecology and environment, inc.

111 WEST JACKSON BLVD., CHICAGO, ILLINOIS 60604, TEL. 312-663-9415

International Specialists in the Environment

US EPA RECORDS CENTER REGION 5



446281

MEMORANDUM

DATE: 10/27/88
TO: File
FROM: Mary Gzyra
SUBJECT: Antrac Thoma
PAN Case 10479/4062

Below is a list of elements whose spike recoveries were biased low:

<u>Element</u>	<u>Spike Recovery</u>
Barium	80.5%
Calcium	72%
Silver	82%

The low recoveries rates biases the data low, thereby raising the detection limits and estimating any reported values. This means that in the worst case the true concentration is greater than the reported values and the data is an underestimation.

It is the opinion of this reviewer that the data is acceptable for HRS scoring.

0759:2